

DROUGHT RESILIENCY AND PREPAREDNESS FACT SHEET

Drought resiliency and preparedness ensures Tempe has sufficient water supplies to meet the demands of the service area, now and into the future. Drought preparedness efforts include:

- Monitoring drought conditions that can create water shortages and understanding their impact on Tempe’s water supplies.
- Investing in infrastructure to ensure resiliency of water supplies and delivery systems.
- Adjusting operations to meet system demands, regardless of water supply shortages.

ONGOING INFRASTRUCTURE INVESTMENTS



\$16M
Per Year Over Five Years
Distribution System Projects



\$24M
Per Year Over Five Years
Water Treatment Plant
Asset Maintenance
and Upgrades



\$20.6M
Over Five Years
Recharge Wells and Associated Infrastructure

\$32M
Over Five Years
New Wells and Well
Reconstruction and Treatment



\$28.2M
Over Five Years
Kyrene Water Reclamation
Facility Improvements

\$1M
Over Five Years
Studies for New Sources
of Renewable Surface
Water Supplies

ONGOING WATER CONSERVATION AND EFFICIENCY ACTIVITIES AND INVESTMENTS

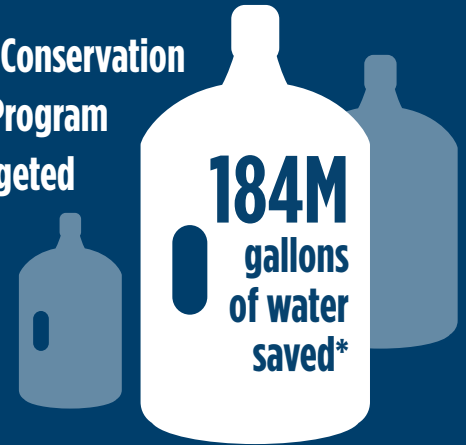
Council Performance Measure 4.03 Updated in 2020

- Sector-based demand tracking (Gallons Per Capita Per Day), combined with long-term water savings.

Tempe's Water Conservation and Efficiency Investments

- \$92,700 approved for 400 water efficiency and conversion rebates.
- \$134,000 budgeted for water conservation grants.
- 1,300 staff hours associated with 400 water consultations and audits.

Tempe's Water Conservation and Efficiency Program is Effective, Targeted to Tempe and Measurable



**Estimated savings January 1 - June 30, 2021*

WATER UTILITIES INTEGRATED MASTER PLAN

Tempe last updated the Water and Sewer Master Plan in 2016. Beginning in early 2022, Tempe will initiate a Water Utilities Integrated Master Plan that will include:

- Water and wastewater hydraulic modeling and master plan updates.
- Stormwater hydraulic modeling and master plan updates.
- Reclaimed water planning considerations.
- Assured Water Supply designation planning considerations.
- Development of a 10-year capital program for proposed infrastructure improvements.

COLORADO RIVER SHORTAGE UPDATE

Although there is currently a Tier 1 shortage on the Colorado River, which impacts Central Arizona Project (CAP) supplies, Tempe primarily relies on surface water supplied by Salt River Project (SRP) to meet the majority of water demands.

For many years, Tempe has prepared for a shortage on the Colorado River through the investments and efforts described in this fact sheet.

SRP Surface Water Member Supply CAP Supply
Safe-yield Groundwater Other SRP Surface Water

